WHAT IS CLAIMED IS:

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- 1. An immunomodulating agent for the endocytic presentation of an immunosuppressive factor on the surface of an antigen presenting cell of a vertebrate comprising at least one Fc receptor ligand and at least one immunosuppressive factor.
- 2. The immunomodulating \(agent \) agent of claim 1 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 3. The immunomodulating agent of claim 2 wherein said T cell receptor antagonist comprises a peptide antagonist.
- 4. The immunomodulating agent of claim 3 wherein said peptide antagonist is an analog of a peptide agonist capable of activating a T cell response to proteolipid protein.
- 5. The immunomodulating agent of claim 3 wherein said peptide antagonist is an analog of a peptide agonist capable of activating a T cell response to myelin basic protein.
- 6. The immunomodulating agent of claim 1 wherein said at least one Fc receptor ligand comprises at least part of a domain of a constant region of an immunoglobulin molecule.
- 7. The immunomodulating agent of claim 1 wherein the immunomodulating agent comprises a polypeptide.
- 8. The immunomodulating agent of claim 1 wherein the immunomodulating agent comprises an antibody-antigen complex.
- 9. The immunomodulating agent of claim 1 wherein the immunomodulating agent is a chimeric antibody.
- 10. The immunomodulating agent of claim 9 wherein said chimeric antibody comprises a T cell receptor antagonist.
 - The immunomodulating agent of claim 10 wherein said T cell receptor antagonist is expressed within at least one complementarity determining region.
 - 12. A method for producing an immunomodulating agent for the endocytic presentation of an immunosuppressive factor on the surface of an antigen presenting cell of a vertebrate comprising the steps of:

transforming or transfecting suitable host cells with a recombinant

polynucleotide molecule comprising a nucleotide sequence which encodes a polypeptide comprising at least one Fc receptor ligand and at least one immunosuppressive factor;

culturing the transformed or transfected host cells under conditions in which said cells express the recombinant polynucleotide molecule to produce said polypeptide wherein the polypeptide comprises at least a part of an immunomodulating agent; and

recovering said immunomodulating agent.

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- 13. The method of claim 12 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 14. The method of claim 13 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to proteolipid protein.
- 15. The method of claim 13 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to myelin basic protein.
- 16. The method of claim 12 wherein said Fc receptor ligand comprises at least a part of one domain of a constant region of an immunoglobulin molecule.
- 17. The method of claim 16 wherein the immunoglobulin molecule is human IgG molecule.
 - 18. The method of claim 12 wherein said immunomodulating agent comprises said polypeptide.
 - 19. The method of claim 12 wherein said immunomodulating agent comprises a chimeric antibody.
 - 20. The method of claim 19 wherein said chimeric antibody comprises a heavy chain wherein at least one complementarity determining region has been replaced with a T cell receptor antagonist.
 - 21. The method of claim 20 wherein said complementarity determining region is CDR 3.
- 22. A pharmaceutical composition for the endocytic presentation of an immunosuppressive factor on the surface of an antigen presenting cell of a vertebrate

comprising at least one immunomodulating agent and a pharmaceutically acceptable carrier, said at least one immunomodulating agent comprising at least one Fc receptor ligand and at least one immunosuppressive factor.

- 23. The composition of claim 22 wherein said immunosuppressive factor is a T cell receptor antagonist.
- The composition of claim 23 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to proteolipid protein.
- 25. The composition of claim 23 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to myelin basic protein.

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- 26. The composition of claim 22 wherein said Fc receptor ligand comprises at least part of one domain of a constant region of an immunoglobulin molecule.
- 27. The composition of claim 26 wherein the immunoglobulin molecule is human IgG molecule.
- 28. The composition of claim 22 wherein said immunomodulating agent comprises a polypeptide.
- 29. The composition of claim 22 wherein said immunomodulating agent comprises a chimeric antibody.
- 30. A method for the preparation of a pharmaceutical composition to treat an immune disorder comprising combining at least one immunomodulating agent with a physiologically acceptable carrier or diluent wherein said immunomodulating agent comprises at least one Fc receptor ligand and at least one immunosuppressive factor.
- 31. The method of claim 30 wherein said immunosuppressive factor is a T cell receptor antagonist.
 - 32. The method of claim 31 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to proteolipid protein.
- 33. The method of claim 31 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to myelin basic protein.

- 34. The method of claim 30 wherein said Fc receptor ligand comprises at least part of one domain of a constant region of an immunoglobulin molecule.
- 35. The method of claim 34 wherein the immunoglobulin molecule is human IgG molecule.
- 36. The method of claim 30 wherein said immunomodulating agent comprises a polypeptide.

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- 37. The method of claim 30 wherein said immunomodulating agent comprises a chimeric antibody.
- 38. The method of claim 30 wherein said immunomodulating agent comprises an antibody-antigen complex.
 - 39. A method for treating an immune disorder comprising:

administering to a patient a therapeutically effective amount of a pharmaceutical composition comprising an immunomodulating agent in combination with a physiologically acceptable carrier or diluent wherein said immunomodulating agent comprises at least one Fc receptor ligand and at least one immunosuppressive factor.

- 40. The method of claim 39 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 41. The method of claim 40 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to proteolipid protein.
- 42. The method of claim 40 wherein said T cell receptor antagonist is an analog of a peptide agonist capable of activating a T cell response to myelin basic protein.
- 43. The method of claim 39 wherein said Fc receptor ligand comprises at least part of one domain of a constant region of an immunoglobulin molecule.
- 44. The method of claim 43 wherein the immunoglobulin molecule is human IgG molecule.
- 45. The method of claim 39 wherein said immunomodulating agent comprises a polypeptide.
 - 46. The method of claim 39 wherein said immunomodulating agent

comprises a chimeric antibody.

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- 47. The method of claim 39 wherein said immune disorder comprises a disorder selected from the group consisting of autoimmune disorders, allergic responses and transplant rejection.
- 48. The method of claim 47 wherein said immune disorder comprises an autoimmune disorder selected from the group consisting of multiple sclerosis, lupis, rheumatoid arthritis, scleroderma, insulin-dependent diabetes and ulcerative colitis.
- 49. A recombinant polynucleotide molecule encoding a polypeptide wherein said polynucleotide molecule comprises at least one nucleotide sequence corresponding to a Fc receptor ligand and at least one nucleotide sequence corresponding to an immunosuppressive factor.
- 50. The polynucleotide molecule of claim 49 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 51. The polynucleotide molecule of claim 49 wherein said polypeptide comprises at least a part of an immunomodulating agent.
- 52. The polynucleotide molecule of claim 49 wherein said polynucleotide molecule comprises a sequence corresponding to at least part of one domain of a constant region of an immunoglobulin molecule.
- 53. The polynucleotide molecule claim 52 wherein the immunoglobulin molecule is a human IgG molecule.
- 54. The polynucleotide molecule of claim 49 wherein said polynucleotide molecule encodes a nucleotide sequence corresponding to an immunoglobulin heavy chain wherein a complementarity determining region has been at least partially deleted and replaced with a nucleotide sequence corresponding to T cell receptor antagonist.
- 55. Transfected or transformed cells comprising a recombinant polynucleotide molecule encoding a polypeptide wherein the polypeptide comprises at least one Fc receptor ligand and at least one immunosuppressive factor.
- 56. The transfected or transformed cells of claim 55 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 57. The transfected or transformed cells of claim 55 wherein said Fc receptor ligand comprises at least part of one domain of a constant region of an

immunoglobulin molecule.

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- 58. The transfected or transformed cells of claim 55 wherein said polypeptide comprises at least part of an immunomodulating agent.
- 59. The transfected or transformed cells of claim 58 wherein said immunomodulating agent corresponds to said polypeptide.
- 60. The transfected or transformed cells of claim 58 wherein said immunomodulating agent comprises a chimeric antibody.
- 61. A method for the effective *in vitro* endocytic presentation of an immunosuppressive factor comprising the steps of:

providing a medium comprising a plurality of antigen presenting cells expressing Fc receptors; and

combining said medium with a immunomodulating agent containing composition wherein the composition comprises an immunomodulating agent having at least one Fc receptor ligand and at least one immunosuppressive factor and a compatible carrier.

- 62. The method of claim 61 wherein said immunosuppressive factor is a T cell receptor antagonist.
- 63. The method of claim 61 wherein said Fc receptor ligand comprises at least part of one domain of a constant region of an immunoglobulin molecule.
- 64. The method of claim 61 wherein said immunomodulating agent comprises a polypeptide.
- 65. The method of claim 61 wherein said immunomodulating agent comprises a chimeric antibody.